Power analyser

Type:
UMG 604

Special features

Communication
- Profibus (DP/V0)
- Modbus (RTU, UDP, TCP, Gateway)
- TCP/IP
- BACnet (optional)
- HTTP (freely configurable Homepage)
- FTP (File-Transfer)
- SNMP
- TFTP (automatic configuration)
- NTP (time synchronzation)
- SMTP (E-mail function)
- DHCP

Power quality
- Harmonics up to 40th harmonics
- Short interruptions (from 20 ms)
- Transient recorder (> 50 μs)
- Starting currents (> 20 ms)
- Unbalance
- Full-wave rms value recordings (up to 4.5 minutes)

2 digital inputs
- Pulsed input
- Logic input
- Condition monitoring
- HT / NT switchover
- Emax reset

Networks
- IT-, TN-, TT-networks
- 3-phase and 4-phase networks
- Up to 4 single-phase networks

2 digital outputs
- Pulsed output kWh / kvarh
- Switching output
- Limit value output
- Emax output
- Logic output

Measuring data memory
- 128 MB Flash

Programming language
- Jasic®

Temperature measurement input
- PT100, PT1000, KTY83, KTY84

Network visualization software
- GridVis®-Basic (included in scope of delivery)

You will find a detailed device description and the related catalog pages under: www.mueller-ziegler.com
### UMG 604

**Overview of the devices**
Three-wire/four-wire energy meter; 50/60Hz; current transformer .../1/5 A, including programming and evaluation software

**GridVis®-Basic**

<table>
<thead>
<tr>
<th>Supply voltage</th>
<th>Interfaces</th>
<th>Dimensions in mm</th>
<th>Weight in g</th>
<th>Type</th>
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<td>95 – 240 V AC, 135 – 340 V DC, ±10 % of nominal range</td>
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Optional for all device variants

- Application program Emax function (peak load optimization)
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